



KAISER ♦ HILL  
COMPANY

## MEMORANDUM

Date: September 24, 2001  
To: Jan Robbins  
From: Pam Arnold  
Subject: WEEKLY STATUS MEETING DOE/LRA for September 24, 2001

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Attached are the minutes for the referenced weekly meeting for the Operating Record.

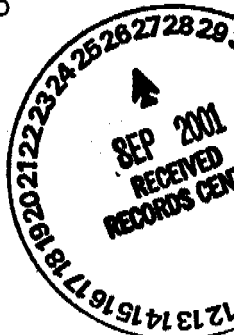
In attendance were:

P. Arnold  
J. Floerke  
L. Gregory-Frost  
B. Gustafson  
M. Hesel  
K. Kunert  
L. Langlois  
E. Pietsch  
J. Tasset  
D. Ward  
J. Wrapp

In addition to the attached status, the IO stations associated with the Stacker Retriever RCRA unit were discussed. It was acknowledged that the IO stations are not part of the RCRA unit.

Also discussed were options to drain and dispose of the liquid contained in the stacker pallet can holder's water walls. There are four options: 1) Drain to the D717 tank via hard piping, 2) Drain to the D718 tank via hard piping, 3) Drain to the CWTS via hard piping, and 4) drain through a drum drop into poly. drums for shipment to B374 and/or to an alternative water treatment facility. This water is RCRA hazardous for lead (D008).

B374, CWTS, and drum storage are permitted. The two tanks, D717 and D718 are not permitted. In order to use these two tanks, a 90-day unit would be established with careful control to ensure that all liquid is transferred from the tank(s) to meet 90-day requirements. Denise Onyskiw, CDPHE, had indicated that she would like to meet for further discussion on this use of these tanks in this manner.



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DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
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ADMIN RECORD  
B371-A-000050

# **B371 CLOSURE PROJECT**

## **WEEKLY STATUS MEETING**

*Every Monday, 9:00 a.m.*

*B371 Conference Room*

**September 24, 2001**

## **AGENDA**

**INTRODUCTION** — Pam Arnold, X6035, Pager 303-212-4835

### **D&D**

**Presenters** — John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
  - *Cerium Nitrate*
  - *MAA/PA Closure*

**Presenter** — Barry Gustafson, X3292, Pager 303-212-5290

- Special Projects
  - *North Side Cleanup*
  - *Remote Dismantlement Chamber*
  - *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

**ENVIRONMENTAL** — Pam Arnold, X6035, Pager 303-212-4835

**WASTE MANAGEMENT** — Laurie Gregory-Frost, X3681, Pager 303-212-1980

**AUTHORIZATION BASIS/BIO** — John Almon x3217, Pager 303-212-3426

## **D&D Summary (AAC)**

### **Week Ending 9/21/01**

### **Non-actinide Liquid Draining**

**KH Target Finish: 9/28/00**

**Current Early Finish: 10/13/01**

**SV: -243 days**

- CWTS processing continued during the week of 9/17 to support Set 4B draining.
- Set 4B (1117) draining continued and is 55% complete. Ten breathing air entries have been made. (1AQ31DR04B)
- Set 4A (1115/1103) draining will follow completion of Set 4B. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

### **Tanks**

**KH Target Finish: 9/24/03**

**Current Early Finish: 11/04/03**

**SV: -26 days**

- Set 5 (3573, 8 tanks) breathing air entries have been suspended. The TMR vacuum system requisition will be issued 9/24. In parallel, a second mockup has been completed using a commercial HEPA filtered vacuum. Modifications needed for radiological control are being made and the system is expected to be ready for use late in the week of 9/24. (1AC105ET00)
- Set 4 (3571) line isolations have started, to be followed by Set 3 (3517). (1AC103AT00)
- Set 4 cerium decon and D&D ready package is ready for safety screen. (1AD104AH00)
- Set 3 cerium decon and D&D ready package is complete and in the approval process.
- Set 13 (2307/2317/2319) cerium decon and D&D ready package is complete and in the approval process. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal package is complete and in the approval process.

### **Gloveboxes**

**KH Target Finish: 7/30/03**

**Current Early Finish: 10/17/03**

**SV: -50 days**

- Set 14 (2325) is 75% complete. GB clean out continued during the week of 9/17 and completion is expected during the week of 9/24. (1AC114EG00)
- Set 6 (3543) GB cleanout continued during the week of 9/17.

### **CSV**

**KH Target Finish: 2/13/03**

**Current Early Finish: 6/30/03**

**SV: -86 days**

- The transfer tunnel repairs is onsite at Receiving awaiting receipt inspection during the week of 9/24.
- The GB 69 crate drop was delivered to the facility on 9/21.
- Fabrication of the I/O 8 mechanical system is 60% complete and work on the modified gripper has started. The electrical control panel fabrication is 50% complete. The XYZ traverse will be shipped on 9/24. The air motor

has been received at CNC. Assembly of the mockup configuration is expected to start during the week of 9/24. (IAC109AD01)

- I/O 8 modification package requires an ECR on the I/O wall to be finished and incorporated. Expected completion is 9/27.
- The guillotine door switch relocation is 35% complete. An ECR is required for solenoid test gauges.
- GB lead removal is complete. Flange installation started on 9/22, and frame fabrication and GB breach will occur the week of 9/24
- I/O 8 drain line installation package requires an ECR to be finished and incorporated. . Expected completion is 9/27.

## **Special Projects**

### **Cerium Nitrate**

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

### **MAA/PA Closure**

- The MAA/PA closure plan draft is 60% complete. (AC11PNM20)
- Approximately 400 additional drums of residue material will need to be processed once DNFSB Recommendation 94-1 has been satisfied. In addition, approximately 2,200 kgs of material presently in the PuSPS inventory may be diverted to the residue packaging lines. Impact to the baseline residue schedule is expected to be from 9 to 12 months.
- An evaluation of the estimated 200 TRU and TRUM waste drums that will require corrective action prior to shipment has been started by Site TRU waste program personnel. A disposition path for each deficient drum will be specified.
- An IWCP package to troubleshoot and repair the nitrogen system to GB39 in Rm. 3206 is being developed. The line is expected to be operational early in CY02 for brushing of classified shapes prior to shipment.
- SP&I has completed an options analysis on final Site MAA/PA closure. Options on laboratory capability and disposition of SNM holdup have been made to executive management. 559 high rad analysis capability will not be relocated to 371. A final SNM holdup disposition recommendation will be selected by the end of CY01.

## **Week Ending 9/21/01**

### **Special Projects:**

Work continues on three special projects in support of D&D activities.

- The PDS report was transmitted for review last week. Concurrent review by DOE and CDHPE is in process.

Transite panel removals will begin this week.

Piping, fans, gear drive and motors were removed last week

- RDC (ITC). Alternative methods of size reduction will be employed in B371.
- We are investigating the feasibility of using a trailer mounted BA system available as surplus from B707.

#### **Set 7: Rooms 3301, 3303, 3305**

**KH Target Finish: 10/01/02**

**Current Early Finish: 10/09/02**

**SV: -6 day**

- No changes reported in the status of set 7 are in final review process.

#### **Set 18: Rooms 3801, (north portion), 3805**

**KH Target Finish: 9/10/01**

**Current Early Finish: 3/27/02**

**SV: -124 days**

- Work packages for isolation are with the D&D group to work as soon as the tank deactivation is complete.

#### **Set 24: Rooms 3402, 3404A, 3404, 3406, 3408**

**KH Target Finish: 9/25/01**

**Current Early Finish: 1/23/02**

**SV: -76 days**

- Work Packages to remove the glove boxes are in the final signature process. (1AD124AD00)
- The MSA has been scoped, planned and will be performed when the assessment team is assembled and the work packages are approved.

#### **Set 56: Room 3801, (south portion)**

**KH Target Finish: 9/10/01**

**Current Early Finish: 12/24/01**

**SV: -65 days**

- Sludge removal of D812 is in process. A completion date is indeterminate due to difficulty of mobilizing the sludge to a viscosity that will allow pumping.

**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7	N/A	Container Storage - Room	371.1A	3301	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	N/A	Container Storage - Room	371.1A	3305	
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A	Container Storage - Room	371.1A	3315	
	N/A	GB Storage - GB#32	371.1B	3315	
14	N/A	Container Storage - Room	371.1A	2325	
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A	See Set 19 also			
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B See Set 21 also	374.3	2804/3801/ 3803/3805/ 4805/4807	
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

# **Waste Management Summary**

Status for Week Ending 09-21-01

- **Management Requirements for Remediation Waste, 371/374 Closure Project procedure:**  
The remediation waste procedure has been approved and will be effective on September 24, 2001.
- **Remediation Waste Training:**  
The remediation waste training class will be finalized next week. Training will be scheduled thereafter.



## **Basis for Interim Operations (BIO)**

**Week Ending 9/21/01**

### **BIO Page Change to Support Dismantlement Activities**

- Page change approved.
- Implementation complete.

### **PuSPS Page Change**

- Went to PRC Monday, September 17.
- Final to DOE later in the week.

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